



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 176375

TO: Ruixiang Li
Location: REM-4D75/4C70
Art Unit: 1646
Friday, January 13, 2006
Case Serial Number: 10/613413

From: Kristine Hensle
Location: Biotech-Chem Library
REM-1B69
Phone: (571) 272-4161

Kristine. Hensle@uspto.gov

Search Notes

Examiner Li,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Kristine Hensle
Librarian
STIC Biotech/Chem Library
(571)272-4161

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 09:41:44 ; Search time 114 Seconds
(without alignments)
1187.515 Million cell updates/sec

Title: US-10-613-413B-8
Perfect score: 1717
Sequence: 1 MTPSPLLLLLLPPLLGGAPP.....VLPTGDVWSRDPGSLNKPL 324

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA_Main:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	1717	100.0	324	5	US-10-885-225-8	Sequence 8, Appli
2	1717	100.0	324	5	US-10-954-094-8	Sequence 8, Appli
3	1707	99.4	357	4	US-10-613-413A-49	Sequence 49, Appl
4	1707	99.4	357	5	US-10-885-225-49	Sequence 49, Appl
5	1707	99.4	357	5	US-10-954-094-49	Sequence 49, Appl
6	1707	99.4	472	3	US-09-815-108-5	Sequence 5, Appli
7	1707	99.4	472	4	US-10-229-584-5	Sequence 5, Appli
8	1707	99.4	504	3	US-09-758-386-2	Sequence 2, Appli
9	1707	99.4	504	3	US-09-815-108-8	Sequence 8, Appli
10	1707	99.4	504	3	US-09-815-108-15	Sequence 15, Appl
11	1707	99.4	504	3	US-09-815-108-17	Sequence 17, Appl
12	1707	99.4	504	3	US-09-815-108-19	Sequence 19, Appl
13	1707	99.4	504	3	US-09-989-722-119	Sequence 119, App
14	1707	99.4	504	3	US-09-989-723-119	Sequence 119, App
15	1707	99.4	504	3	US-09-989-279-119	Sequence 119, App
16	1707	99.4	504	3	US-09-989-727-119	Sequence 119, App
17	1707	99.4	504	3	US-09-989-731-119	Sequence 119, App
18	1707	99.4	504	3	US-09-989-732-119	Sequence 119, App
19	1707	99.4	504	3	US-09-991-073-119	Sequence 119, App
20	1707	99.4	504	3	US-09-990-442-119	Sequence 119, App
21	1707	99.4	504	3	US-09-991-163-119	Sequence 119, App
22	1707	99.4	504	3	US-09-993-604-119	Sequence 119, App
23	1707	99.4	504	3	US-09-990-456-119	Sequence 119, App
24	1707	99.4	504	3	US-09-989-721-119	Sequence 119, App
25	1707	99.4	504	3	US-09-992-598-119	Sequence 119, App
26	1707	99.4	504	3	US-09-989-293A-119	Sequence 119, App
27	1707	99.4	504	3	US-09-989-735-119	Sequence 119, App

28	1707	99.4	504	3	US-09-990-444-119	Sequence 119, App
29	1707	99.4	504	3	US-09-991-181-119	Sequence 119, App
30	1707	99.4	504	3	US-09-989-730-119	Sequence 119, App
31	1707	99.4	504	3	US-09-990-436-119	Sequence 119, App
32	1707	99.4	504	3	US-09-993-687-119	Sequence 119, App
33	1707	99.4	504	3	US-09-989-734-119	Sequence 119, App
34	1707	99.4	504	3	US-09-997-653-119	Sequence 119, App
35	1707	99.4	504	3	US-09-989-724-119	Sequence 119, App
36	1707	99.4	504	3	US-09-989-728-119	Sequence 119, App
37	1707	99.4	504	3	US-09-990-441-119	Sequence 119, App
38	1707	99.4	504	3	US-09-993-667-119	Sequence 119, App
39	1707	99.4	504	3	US-09-997-428-119	Sequence 119, App
40	1707	99.4	504	3	US-09-997-666-119	Sequence 119, App
41	1707	99.4	504	3	US-09-990-438-119	Sequence 119, App
42	1707	99.4	504	3	US-09-990-562-119	Sequence 119, App
43	1707	99.4	504	3	US-09-796-753-94	Sequence 94, Appl
44	1707	99.4	504	3	US-09-796-753-108	Sequence 108, App
45	1707	99.4	504	3	US-09-990-711-119	Sequence 119, App

ALIGNMENTS

RESULT 1
US-10-885-225-8
; Sequence 8, Application US/10885225
; Publication No. US2005009750A1
; GENERAL INFORMATION:
; APPLICANT: Sleeman, Matthew
; APPLICANT: Murison, J. Greg
; APPLICANT: Cao, Helen
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use
; FILE REFERENCE: 11000.1103
; CURRENT APPLICATION NUMBER: US/10/885,225
; CURRENT FILING DATE: 2004-07-06
; PRIOR APPLICATION NUMBER: U.S. 60/484,877
; PRIOR FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: U.S. 60/513,171
; PRIOR FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: U.S. 60/562,155
; PRIOR FILING DATE: 2004-04-04
; PRIOR APPLICATION NUMBER: U.S. 60/570,355
; PRIOR FILING DATE: 2004-05-12
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 324
; TYPE: PRT
; ORGANISM: Human
US-10-885-225-8

Query Match		100.0%;	Score 1717;	DB 5;	Length 324;
Best Local Similarity		100.0%;	Pred. No. 1.1e-110;		
Matches		324;	Conservative	0;	Mismatches 0; Indels 0; Gaps 0;
Qy	1	MTPSPLLLLLLPPLLGGAPPAAARGPPKMADKVVP	QVARLGR	TVRLQCPVEGDP	PPPL 60
Db	1	MTPSPLLLLLLPPLLGGAPPAAARGPPKMADKVVP	QVARLGR	TVRLQCPVEGDP	PPPL 60
Qy	61	TMWTKDGR	TIHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI	120	
Db	61	TMWTKDGR	TIHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI	120	
Qy	121	SPGKESL	GPDSGGQEDPASQQWARPRFTQPSKMR	RRVIARPVGSSVRLKCVASG	HRPP 180
Db	121	SPGKESL	GPDSGGQEDPASQQWARPRFTQPSKMR	RRVIARPVGSSVRLKCVASG	HRPP 180
Qy	181	DI	TWKKDQALTRPEAAERKKKWTLSLKNLR	PEDSGKYTCRVSNRAGAINATYKVDVIQ	240
Db	181	DI	TWKKDQALTRPEAAERKKKWTLSLKNLR	PEDSGKYTCRVSNRAGAINATYKVDVIQ	240
Qy	241	RTRSKP	VLGTGHPVNTTDFGGTTSFQCKVRS	DKVPVIOWLKRVEYGAEGRHN	STIDVGG 300
Db	241	RTRSKP	VLGTGHPVNTTDFGGTTSFQCKVRS	DKVPVIOWLKRVEYGAEGRHN	STIDVGG 300

Db 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVEYGAEGRHNSTIDVGG 300

Qy 301 QKFVVLPTGVDWSRPDGSYLNKPL 324
|||||

Db 301 QKFVVLPTGVDWSRPDGSYLNKPL 324
|||||

RESULT 2

US-10-954-094-8

; Sequence 8, Application US/10954094

; Publication No. US20050112642A1

; GENERAL INFORMATION:

; APPLICANT: Sleeman, Matthew

; APPLICANT: Murison, J. Greg

; APPLICANT: Cao, Zhihui

; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use

; FILE REFERENCE: 11000.1037c8

; CURRENT APPLICATION NUMBER: US/10/954,094

; CURRENT FILING DATE: 2004-09-29

; PRIOR APPLICATION NUMBER: U.S. 10/157,444

; PRIOR FILING DATE: 2002-05-28

; PRIOR APPLICATION NUMBER: U.S. 10/613,413

; PRIOR FILING DATE: 2003-07-03

; PRIOR APPLICATION NUMBER: U.S. 60/484,877

; PRIOR FILING DATE: 2003-07-03

; PRIOR APPLICATION NUMBER: U.S. 60/513,171

; PRIOR FILING DATE: 2003-10-20

; PRIOR APPLICATION NUMBER: U.S. 60/562,155

; PRIOR FILING DATE: 2004-04-04

; PRIOR APPLICATION NUMBER: U.S. 60/570,355

; PRIOR FILING DATE: 2004-05-12

; PRIOR APPLICATION NUMBER: U.S. 10/885,225

; PRIOR FILING DATE: 2004-07-04

; NUMBER OF SEQ ID NOS: 163

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 324

; TYPE: PRT

; ORGANISM: Human

US-10-954-094-8

Query Match 100.0%; Score 1717; DB 5; Length 324;

Best Local Similarity 100.0%; Pred. No. 1.1e-110;

Matches 324; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MTPSPLLLLLLPPLLGAFFPPAAARGPPKMAKVVPRQVARLGRTVRLQCPVEGDPPL 60
|||||

Db 1 MTPSPLLLLLLPPLLGAFFPPAAARGPPKMAKVVPRQVARLGRTVRLQCPVEGDPPL 60
|||||

Qy 61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
|||||

Db 61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
|||||

Qy 121 SPGKESLGPDSSGGQEDPASQQWARPRFTQPSKMRRRVIA RPPVGS SVRLKCVASGHPRP 180
|||||

Db 121 SPGKESLGPDSSGGQEDPASQQWARPRFTQPSKMRRRVIA RPPVGS SVRLKCVASGHPRP 180
|||||

Qy 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
|||||

Db 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
|||||

Qy 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVEYGAEGRHNSTIDVGG 300
|||||

Db 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVEYGAEGRHNSTIDVGG 300
|||||

Qy 301 QKFVVLPTGVDWSRPDGSYLNKPL 324
|||||

Db 301 QKFVVLPTGVDWSRPDGSYLNKPL 324
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RESULT 3

US-10-613-413A-49

; Sequence 49, Application US/10613413A

; Publication No. US20040058849A1

; GENERAL INFORMATION:

; APPLICANT: Sleeman, Matthew

; APPLICANT: Murison, Greg

; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use

; FILE REFERENCE: 11000.1037c5

; CURRENT APPLICATION NUMBER: US/10/613,413A

; CURRENT FILING DATE: 2003-07-03

; PRIOR APPLICATION NUMBER: U.S. 09/823,038

; PRIOR FILING DATE: 2001-03-28

; PRIOR APPLICATION NUMBER: U.S. 09/383,586

; PRIOR FILING DATE: 1999-08-26

; PRIOR APPLICATION NUMBER: U.S. 09/276,268

; PRIOR FILING DATE: 1999-03-25

; PRIOR APPLICATION NUMBER: PCT/NZ00/00015

; PRIOR FILING DATE: 2000-02-18

; PRIOR APPLICATION NUMBER: U.S. 60/221,216

; PRIOR FILING DATE: 2000-07-25

; PRIOR APPLICATION NUMBER: U.S. 10/157,444

; PRIOR FILING DATE: 2000-05-28

; PRIOR APPLICATION NUMBER: PCT/NZ03/00105

; PRIOR FILING DATE: 2003-05-27

; NUMBER OF SEQ ID NOS: 145

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 49

; LENGTH: 357

; TYPE: PRT

; ORGANISM: Human

US-10-613-413A-49

Query Match 99.4%; Score 1707; DB 4; Length 357;

Best Local Similarity 99.7%; Pred. No. 6.3e-110;

Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MTPSPLLLLLLPPLLGAFFPPAAARGPPKMAKVVPRQVARLGRTVRLQCPVEGDPPL 60
|||||

Db 1 MTPSPLLLLLLPPLLGAFFPPAAARGPPKMAKVVPRQVARLGRTVRLQCPVEGDPPL 60
|||||

Qy 61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
|||||

Db 61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
|||||

Qy 121 SPGKESLGPDSSGGQEDPASQQWARPRFTQPSKMRRRVIA RPPVGS SVRLKCVASGHPRP 180
|||||

Db 121 SPGKESLGPDSSGGQEDPASQQWARPRFTQPSKMRRRVIA RPPVGS SVRLKCVASGHPRP 180
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Qy 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
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Db 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
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Qy 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVEYGAEGRHNSTIDVGG 300
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Db 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSVDKVPVQWLKRVEYGAEGRHNSTIDVGG 300
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Qy 301 QKFVVLPTGVDWSRPDGSYLNKPL 324
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Db 301 QKFVVLPTGVDWSRPDGSYLNKLL 324
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RESULT 4

US-10-885-225-49

; Sequence 49, Application US/10885225

; Publication No. US20050009750A1

; GENERAL INFORMATION:

; APPLICANT: Sleeman, Matthew

; APPLICANT: Murison, J. Greg

; APPLICANT: Cao, Helen

; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use

; FILE REFERENCE: 11000.1103

; CURRENT APPLICATION NUMBER: US/10/885,225

; CURRENT FILING DATE: 2004-07-06

; PRIOR APPLICATION NUMBER: U.S. 60/484,877

; PRIOR FILING DATE: 2003-07-03


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; PRIOR APPLICATION NUMBER: U.S. 60/513,171
; PRIOR FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: U.S. 60/562,155
; PRIOR FILING DATE: 2004-04-04
; PRIOR APPLICATION NUMBER: U.S. 60/570,355
; PRIOR FILING DATE: 2004-05-12
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Human
US-10-885-225-49

Query Match          99.4%; Score 1707; DB 5; Length 357;
Best Local Similarity 99.7%; Pred. No. 6.3e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MTPSPLLLLLLPPLLGAFFFFPAAAARGPPKMAADKVVPRQVARLGRVTVRLQCPVEGDPPL 60
      |||||||
Db      1 MTPSPLLLLLLPPLLGAFFFFPAAAARGPPKMAADKVVPRQVARLGRVTVRLQCPVEGDPPL 60
      |||||||

QY      61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
      |||||||
Db      61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
      |||||||

QY      121 SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
      |||||||
Db      121 SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
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QY      121 SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
      |||||||
Db      121 SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
      |||||||

QY      181 DITWMKDDQALTRPEAAEPRKKWTLNLKLRPDSGKYTCRVSNRAGAINATYKVDVIQ 240
      |||||||
Db      181 DITWMKDDQALTRPEAAEPRKKWTLNLKLRPDSGKYTCRVSNRAGAINATYKVDVIQ 240
      |||||||

QY      241 RTRSKPVLTGTHPVNTTVDGTTSFQCKVRSVKPVIQWLKRVEYGAEGRHNSTIDVGG 300
      |||||||
Db      241 RTRSKPVLTGTHPVNTTVDGTTSFQCKVRSVKPVIQWLKRVEYGAEGRHNSTIDVGG 300
      |||||||

QY      301 QKFVVLPTGDVWSRPPDGSYLNKPL 324
      |||||||
Db      301 QKFVVLPTGDVWSRPPDGSYLNKLL 324
      |||||||

RESULT 5
US-10-954-094-49
; Sequence 49, Application US/10954094
; Publication No. US20050112642A1
; GENERAL INFORMATION:
; APPLICANT: Sleeman, Matthew
; APPLICANT: Murison, J. Greg
; APPLICANT: Cao, Zhihui
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use
; FILE REFERENCE: 11000.1037c8
; CURRENT APPLICATION NUMBER: US/10/954,094
; PRIOR FILING DATE: 2004-09-29
; PRIOR APPLICATION NUMBER: U.S. 10/157,444
; PRIOR FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: U.S. 10/613,413
; PRIOR FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: U.S. 60/484,877
; PRIOR FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: U.S. 60/513,171
; PRIOR FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: U.S. 60/562,155
; PRIOR FILING DATE: 2004-04-04
; PRIOR APPLICATION NUMBER: U.S. 60/570,355
; PRIOR FILING DATE: 2004-05-12
; PRIOR APPLICATION NUMBER: U.S. 10/885,225
; PRIOR FILING DATE: 2004-07-04
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 357
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; TYPE: PRT
; ORGANISM: Human
US-10-954-094-49

Query Match          99.4%; Score 1707; DB 5; Length 357;
Best Local Similarity 99.7%; Pred. No. 6.3e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MTPSPLLLLLLPPLLGAFFFFPAAAARGPPKMAADKVVPRQVARLGRVTVRLQCPVEGDPPL 60
      |||||||
Db      1 MTPSPLLLLLLPPLLGAFFFFPAAAARGPPKMAADKVVPRQVARLGRVTVRLQCPVEGDPPL 60
      |||||||

QY      61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
      |||||||
Db      61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
      |||||||

QY      121 SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
      |||||||
Db      121 SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
      |||||||

QY      181 DITWMKDDQALTRPEAAEPRKKWTLNLKLRPDSGKYTCRVSNRAGAINATYKVDVIQ 240
      |||||||
Db      181 DITWMKDDQALTRPEAAEPRKKWTLNLKLRPDSGKYTCRVSNRAGAINATYKVDVIQ 240
      |||||||

QY      241 RTRSKPVLTGTHPVNTTVDGTTSFQCKVRSVKPVIQWLKRVEYGAEGRHNSTIDVGG 300
      |||||||
Db      241 RTRSKPVLTGTHPVNTTVDGTTSFQCKVRSVKPVIQWLKRVEYGAEGRHNSTIDVGG 300
      |||||||

QY      301 QKFVVLPTGDVWSRPPDGSYLNKPL 324
      |||||||
Db      301 QKFVVLPTGDVWSRPPDGSYLNKLL 324
      |||||||

RESULT 6
US-09-815-108-5
; Sequence 5, Application US/09815108
; Patent No. US20020009776A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min
; APPLICANT: Boone, Thomas Charles
; APPLICANT: Covey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 99-513-A
; CURRENT APPLICATION NUMBER: US/09/815,108
; CURRENT FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/191,379
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 472
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-815-108-5

Query Match          99.4%; Score 1707; DB 3; Length 472;
Best Local Similarity 99.7%; Pred. No. 8.5e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 MTPSPLLLLLLPPLLGAFFFFPAAAARGPPKMAADKVVPRQVARLGRVTVRLQCPVEGDPPL 60
      |||||||
Db      1 MTPSPLLLLLLPPLLGAFFFFPAAAARGPPKMAADKVVPRQVARLGRVTVRLQCPVEGDPPL 60
      |||||||

QY      61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
      |||||||
Db      61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
      |||||||

QY      121 SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
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Db      121 SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
      |||||||
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Qy	181	DI TM KDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ	240
D b	181	DI TM KDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ	240
Qy	241	R TR SKPVL TG THPVNT TV DFGGTTSFQCKVRS DK VP IQ WLKRVEYGAEGRHNSTIDVGG	300
D b	241	R TR SKPVL TG THPVNT TV DFGGTTSFQCKVRS DK VP IQ WLKRVEYGAEGRHNSTIDVGG	300
Qy	301	QK FV VLPTGDVWSRPGDSYLNKPL	324
D b	301	QK FV VLPTGDVWSRPGDSYLNKLL	324

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RESULT 7
US-10-229-584-5
; Sequence 5, Application US/10229584
; Publication No. US20030087384A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 99-513-F
; CURRENT APPLICATION NUMBER: US/10/229,584
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 09/815,108
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/191,379
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 472
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-229-584-5

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Query Match 99.4%; Score 1707; DB 4; Length 472;
Best Local Similarity 99.7%; Pred. No. 8.5e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db	1	MTSP	LLLLLLLL	PL	LL	GA	PP	AAAA	AG	PP	KM	AD	KV	PR	QV	AR	LG	TR	VL	QC	PV	EG	DP	PP	PL	60																																		
Qy	61	TMWT	KD	RT	I	H	S	G	W	S	R	F	V	L	P	Q	G	L	K	V	K	Q	V	E	R	E	D	AG	V	V	C	K	A	T	N	G	F	G	S	L	S	V	N	Y	T	L	V	L	D	D	I	120								
Db	61	TMWT	KD	RT	I	H	S	G	W	S	R	F	V	L	P	Q	G	L	K	V	K	Q	V	E	R	E	D	AG	V	V	C	K	A	T	N	G	F	G	S	L	S	V	N	Y	T	L	V	L	D	D	I	120								
Qy	121	SPG	KE	S	L	G	P	D	S	S	S	G	G	Q	E	D	P	A	S	O	Q	W	A	R	P	R	F	T	Q	P	S	K	M	R	R	R	V	I	A	R	P	V	G	S	S	V	R	L	K	C	V	A	S	G	H	P	R	P	180	
Db	121	SPG	KE	S	L	G	P	D	S	S	S	G	G	Q	E	D	P	A	S	O	Q	W	A	R	P	R	F	T	Q	P	S	K	M	R	R	R	V	I	A	R	P	V	G	S	S	V	R	L	K	C	V	A	S	G	H	P	R	P	180	
Qy	181	D	I	T	M	K	D	D	O	A	L	T	R	P	E	A	E	P	R	K	K	W	T	L	S	L	K	N	L	R	P	E	D	S	G	K	Y	T	C	R	V	S	N	R	A	G	A	I	N	A	T	Y	K	V	D	V	I	Q	240	
Db	181	D	I	T	M	K	D	D	O	A	L	T	R	P	E	A	E	P	R	K	K	W	T	L	S	L	K	N	L	R	P	E	D	S	G	K	Y	T	C	R	V	S	N	R	A	G	A	I	N	A	T	Y	K	V	D	V	I	Q	240	
Qy	241	R	T	R	S	K	P	V	L	T	G	T	H	P	V	N	T	T	V	D	F	G	G	T	T	S	F	Q	C	K	V	R	S	D	V	K	P	I	Q	W	L	K	R	V	E	Y	G	A	E	G	R	H	N	S	T	I	D	V	G	300
Db	241	R	T	R	S	K	P	V	L	T	G	T	H	P	V	N	T	T	V	D	F	G	G	T	T	S	F	Q	C	K	V	R	S	D	V	K	P	I	Q	W	L	K	R	V	E	Y	G	A	E	G	R	H	N	S	T	I	D	V	G	300
Qy	301	Q	K	F	V	L	P	T	G	D	V	W	S	R	P	D	G	S	Y	L	N	K	P	L	324																																			
Db	301	Q	K	F	V	L	P	T	G	D	V	W	S	R	P	D	G	S	Y	L	N	K	P	L	324																																			

RESULT 8
US-09-758-386-2
; Sequence 2, Application US/09758386
; Patent No. US20010016335A1
; GENERAL INFORMATION:

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; APPLICANT: Human Genome Sciences, Inc. et al.
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-5
; FILE REFERENCE: PF486PCT
; CURRENT APPLICATION NUMBER: US/09/758,386
; CURRENT FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/293,182
; PRIOR FILING DATE: 1999-04-16
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 504
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-758-386-2

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Query Match	99.4%;	Score 1707;	DB 3;	Length 504;				
Best Local Similarity	99.7%;	Pred. No. 9.2e-110;						
Matches 323;	Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;			
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Db	1	MTSPSLLLLLLPPLLLGAFPPAAAARGPPK	MADKVVP	PRQV	ARLGR	TVRLQCPVEGDPPPL	60	
Qy	61	TMWTKDGRTIHS	GSRRFVLPQGLKVKQ	VEREDAGVYV	CKATNGF	SGLSVNYTLVVLDDI	120	
Db	61	TMWTKDGRTIHS	GSRRFVLPQGLKVKQ	VEREDAGVYV	CKATNGF	SGLSVNYTLVVLDDI	120	
Qy	121	SPKESLGP	DSSSGGQEDPASQ	QWARPRFTQPS	KMRRRV	VIARPV	GSSVRLKCVASGHPRP	180
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Qy	181	DI	TWKKDDQALTRPEAAE	PRKKKWTLSLKNL	RPEDS	GKYTCRV	SNRAGAINATYKVDVIQ	240
Db	181	DI	TWKKDDQALTRPEAAE	PRKKKWTLSLKNL	RPEDS	GKYTCRV	SNRAGAINATYKVDVIQ	240
Qy	241	RTRSKPVL	TGTHPVNTTVDF	GGTTSFQCKV	RS	DKPVIQWL	KRVEYGAEGRHNSTIDVGG	300
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RESULT 9
US-09-815-108-8
; Sequence 8, Application US/09815108
; Patent No. US20020009776A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min
; APPLICANT: Boone, Thomas Charles
; APPLICANT: Covey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 99-513-A
; CURRENT APPLICATION NUMBER: US/09/815,108
; CURRENT FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/191,379
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 504
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: virtual human
; OTHER INFORMATION: FGFR-L amino acid sequence comprising residues
; OTHER INFORMATION: 1-472 of SEQ ID NO: 5 and residues 473-504 of
; OTHER INFORMATION: GenBank accession no. AJ277437
US-09-815-108-8

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; APPLICANT: Boone, Thomas Charles
; APPLICANT: Covey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 99-513-A
; CURRENT APPLICATION NUMBER: US/09/815,108
; CURRENT FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/191,379
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 504
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-815-108-19

Query Match          99.4%; Score 1707; DB 3; Length 504;
Best Local Similarity 99.7%; Pred. No. 9.2e-110;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db      1  MTPSPILLLLLLPPLLGAFFPPAAAGPPKMAADKVVPQVARLGRVRLQCPVEGDPPL 60
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      |
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Qy      301  QKFVVLPTGDVWSRDPGSLYNKPL 324
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RESULT 13
US-09-989-722-119
; Sequence 119, Application US/09989722
; Patent No. US20020072067A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
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; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC63
; CURRENT APPLICATION NUMBER: US/09/989,722
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
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 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match

Query Match

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Dd		1	MTPSPLILLLLPPLLLGAFPPAAAAARGPKMADKVVPVPRQVARLGRITVRLQCPEVDPPPPL	60
QY		61	TMTWKDGRITHSGWSRFRVLPOGLKVKQVEREDAGVVYVCKATNGFGSLSVNYTLWLDDI	121
Dd		61	TMTWKDGRITHSGWSRFRVLPOGLKVKQVEREDAGVVYVCKATNGFGSLSVNYTLWLDDI	121
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Dd		121	SPGESLGPDSSSGGQEDPASQQWARPREFTQP SKMRRRVIARPVGSSVRCLKCVASGHPRP	18
QY		181	DITWMKDQUALTRPEAAEPRKKKTLSLKMLRPEDSGKYTCRVSNRAGAINATYKVDVIIQ	24
Dd		181	DITWMKDQUALTRPEAAEPRKKKTLSLKMLRPEDSGKYTCRVSNRAGAINATYKVDVIIQ	24
QY		241	RTRSKPVLGTGTHPVNTTVDFFGTTSFQCKVRSDVKPVIOWLKRVEYGAEGRHNSTIDVGG	30
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Dd		301	KQFWLPPTGDVMSRPDGSYLNKL	324

RESULT 14

REF ID: A66555

US-09-383-723-113
: Sequence 119 Application IIS/09989723

; sequence 119, Application
Document No. USC3003007208221

Patent No. US2002007

; GENERAL INFORMATION: . . . -

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Deagovers, Inc.

APPLICANT: Desnoyers, Luc
APPLICANT: Eaton Dan L.

APPLICANT: EATON, DAN L.

APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Grimaldi,J.Christopher
; APPLICANT: Gurney,Austin L.
; APPLICANT: Kljavin,Ivar J.
; APPLICANT: Napier,Mary A.
; APPLICANT: Pan,James
; APPLICANT: Paoni,Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C62
; CURRENT APPLICATION NUMBER: US/09/989,723
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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; PRIOR FILING DATE: 1998-07-09

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QY 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240

QY 241 RTRSKPVLGTGHPVNTTVDGTTTSFQCKVRSVDKPVIOQLKRVEYGAEGRHNSIDVGG 300
Db 241 RTRSKPVLGTGHPVNTTVDGTTTSFQCKVRSVDKPVIOQLKRVEYGAEGRHNSIDVGG 300

QY 301 QKFVVLFTGDVWSRDPDGSYLNKPL 324
Db 301 QKFVVLFTGDVWSRDPDGSYLNKLL 324

US-09-989-279-119
; Sequence 119, Application US/09989279
; Patent No. US20020072496A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C56
; CURRENT APPLICATION NUMBER: US/09/989,279
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
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Job time : 116 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 09:38:49 ; Search time 24 Seconds
(without alignments)
1116.122 Million cell updates/sec

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Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	1707	99.4	504	2	US-09-949-016-7020 Sequence 7020, Ap
2	1707	99.4	504	2	US-09-991-181-119 Sequence 119, App
3	1707	99.4	504	2	US-09-990-444-119 Sequence 119, App
4	1707	99.4	504	2	US-09-997-333-119 Sequence 119, App
5	1707	99.4	504	2	US-09-992-598-119 Sequence 119, App
6	1707	99.4	511	2	US-09-949-016-10054 Sequence 10054, A
7	1560	90.9	373	2	US-09-823-038A-60 Sequence 60, Appl
8	1560	90.9	529	2	US-09-383-586-31 Sequence 31, Appl
9	1560	90.9	529	2	US-09-823-038A-31 Sequence 31, Appl
10	1458	84.9	322	2	US-09-823-586-33 Sequence 33, Appl
11	1458	84.9	322	2	US-09-823-038A-33 Sequence 33, Appl
12	1035.5	60.3	439	2	US-09-383-586-32 Sequence 32, Appl
13	1035.5	60.3	439	2	US-09-823-038A-32 Sequence 32, Appl
14	408.5	23.8	801	2	US-09-383-630-6 Sequence 6, Appli
15	393	22.9	795	2	US-09-949-016-7119 Sequence 7119, Ap
16	393	22.9	806	2	US-09-383-630-3 Sequence 3, Appli
17	386.5	22.5	816	2	US-09-949-016-10904 Sequence 10904, A
18	382.5	22.3	802	2	US-09-173-151A-33 Sequence 33, Appl
19	380	22.1	816	1	US-07-640-029-1 Sequence 1, Appli
20	379.5	22.1	355	1	US-08-471-570-14 Sequence 14, Appl
21	379.5	22.1	743	1	US-08-471-570-6 Sequence 6, Appli
22	379.5	22.1	699	1	US-08-471-570-8 Sequence 8, Appli
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33	375.5	21.9	821	1	US-08-451-822A-13 Sequence 13, Appl
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45	367.5	21.4	609	2	US-09-949-016-7752 Sequence 7752, Ap

ALIGNMENTS

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; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
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; LENGTH: 504
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7020

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; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
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; APPLICANT: Ferrara, Napoleone
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; APPLICANT: Goddard, Audrey
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; APPLICANT: Tumas, Daniel
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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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; PRIOR APPLICATION NUMBER: 60/089598
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; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
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; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 99.4%; Score 1707; DB 2; Length 504;
Best Local Similarity 99.7%; Pred. No. 2.6e-148;
Matches 323; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MTPSPLLLLLLPPLLGAFPAAAAARGPPKMAADKVVPRQVARLGRITVRLQCPVEGDPPL 60
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Db 1 MTPSPLLLLLLPPLLGAFPAAAAARGPPKMAADKVVPRQVARLGRITVRLQCPVEGDPPL 60
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Qy 61 TMWTKDGRTIHSGWSRFRVLPQGLKVQVEREDAGVYVCKATNGFGLSVNYTLVLDDI 120
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Db 61 TMWTKDGRTIHSGWSRFRVLPQGLKVQVEREDAGVYVCKATNGFGLSVNYTLVLDDI 120
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Qy 121 SPGESLGPDSSSGQEDDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHRP 180
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Db 121 SPGESLGPDSSSGQEDDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHRP 180
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Qy 181 DITWMKDDQALTRPEAAEPRKKWTLCLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
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Db 181 DITWMKDDQALTRPEAAEPRKKWTLCLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
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Qy 241 RTRSKPVLGTGHPVNTTVDFFGGTTSFQCKVRSVDVKPVIQWLKRVEYGAEGRHNSTIDVGG 300
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Db 241 RTRSKPVLGTGHPVNTTVDFFGGTTSFQCKVRSVDVKPVIQWLKRVEYGAEGRHNSTIDVGG 300
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Qy 301 QKFVVLPTGDVMSRPDGSYLNKPL 324
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Db 301 QKFVVLPTGDVMSRPDGSYLNKLL 324
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RESULT 5
US-09-992-598-119
; Sequence 119, Application US/09992598
; Patent No. 6956108
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

;
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC20
; CURRENT APPLICATION NUMBER: US/09/992,598
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
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; PRIOR FILING DATE: 1998-06-25
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QY 121 SPGESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
Db 117 SPGESPGPGSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 176
QY 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 177 DIMWMKDDQTLTHLEASEHRKKKWTLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQ 236
QY 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSQVQVQWLKRVEYGAEGRHNSTIDVGG 300
Db 237 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSQVQVQWLKRVEYGAEGRHNSTIDVGG 296
QY 301 QKFVVLPTGDVWSRDPDGSYLNKPL 324
Db 297 QKFVVLPTGDVWSRDPDGSYLNKLL 320
RESULT 8
US-09-383-586-31
; Sequence 31, Application US/09383586
; Patent No. 6242419
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compounds isolated from stromal cells
; TITLE OF INVENTION: and methods for their use
; FILE REFERENCE: 11000.1037c1
; CURRENT APPLICATION NUMBER: US/09/383,586
; CURRENT FILING DATE: 1999-08-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 529
; TYPE: PRT
; ORGANISM: Mouse
US-09-383-586-31

Query Match 90.9%; Score 1560; DB 2; Length 529;
Best Local Similarity 91.4%; Pred. No. 8.8e-135;
Matches 296; Conservative 9; Mismatches 15; Indels 4; Gaps 1;
QY 1 MTPSPLLLLLLPPLLGAFFPAAAGPPKMAKVVPRQVARLGRVRLQCPVEGDPPL 60
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QY 61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
Db 57 TMWTKDGRTHSGWSRFRVLPQGLKVKVEAEADAGVYVCKATNGFGSLSVNYTLIIMDDI 116
QY 121 SPGESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
Db 117 SPGESPGPGSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 176
QY 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 177 DIMWMKDDQTLTHLEASEHRKKKWTLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQ 236
QY 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSQVQVQWLKRVEYGAEGRHNSTIDVGG 300
Db 237 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSQVQVQWLKRVEYGAEGRHNSTIDVGG 296
QY 301 QKFVVLPTGDVWSRDPDGSYLNKPL 324
Db 297 QKFVVLPTGDVWSRDPDGSYLNKLL 320

RESULT 9
US-09-823-038A-31
; Sequence 31, Application US/09823038A

; Patent No. 6797271
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compositions Isolated From Stromal Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1037c3
; CURRENT APPLICATION NUMBER: US/09/823,038A
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 529
; TYPE: PRT
; ORGANISM: Mouse
US-09-823-038A-31
Query Match 90.9%; Score 1560; DB 2; Length 529;
Best Local Similarity 91.4%; Pred. No. 8.8e-135;
Matches 296; Conservative 9; Mismatches 15; Indels 4; Gaps 1;
QY 1 MTPSPLLLLLLPPLLGAFFPAAAGPPKMAKVVPRQVARLGRVRLQCPVEGDPPL 60
Db 1 MTRSPALLL---LLLGALEPAAAGPPRMADKVVPRQVARLGRVRLQCPVEGDPPL 56
QY 61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI 120
Db 57 TMWTKDGRTHSGWSRFRVLPQGLKVKVEAEADAGVYVCKATNGFGSLSVNYTLIIMDDI 116
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Db 117 SPGESPGPGSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 176
QY 181 DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
Db 177 DIMWMKDDQTLTHLEASEHRKKKWTLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQ 236
QY 241 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSQVQVQWLKRVEYGAEGRHNSTIDVGG 300
Db 237 RTRSKPVLGTGHPVNTTVDGTTSFQCKVRSQVQVQWLKRVEYGAEGRHNSTIDVGG 296
QY 301 QKFVVLPTGDVWSRDPDGSYLNKPL 324
Db 297 QKFVVLPTGDVWSRDPDGSYLNKLL 320

RESULT 10
US-09-383-586-33
; Sequence 33, Application US/09383586
; Patent No. 6242419
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compounds isolated from stromal cells
; TITLE OF INVENTION: and methods for their use
; FILE REFERENCE: 11000.1037c1
; CURRENT APPLICATION NUMBER: US/09/383,586
; CURRENT FILING DATE: 1999-08-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 322
; TYPE: PRT
; ORGANISM: Human
US-09-383-586-33


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; SEQ ID NO 32
; LENGTH: 439
; TYPE: PRT
; ORGANISM: Mouse
; US-09-823-038A-32

Query Match      60.3%; Score 1035.5; DB 2; Length 439;
Best Local Similarity 65.1%; Pred. No. 1e-86;
Matches 211; Conservative 4; Mismatches 14; Indels 95; Gaps 2;

QY 1 MTPSPLLLLLLPPLLGAFFPAAAAARGPPKMAKVVPRQVARLGRTVRLQCPVEGDPPPL 60
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Db 1 MTRSPALLL-----LLLGALPSAEAR----- 22

QY 61 TMWTKDGRTHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVWLDDI 120
   |||||
Db 23 -----DDI 25

QY 121 SPGESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 180
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 26 SPGESPGPGSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP 85

QY 181 DITWMKODQALTRPEAAEPRKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 240
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 86 DIMWMKODQTLTHLEASEHRKKWTLSLKNLRPEDSGKYTCRVSNKAGAINATYKVDVIQ 145

QY 241 RTRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSQVQVQWPKVQWLRVYGAEGRHNSTIDVGG 300
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 146 RTRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSQVQVQWPKVQWLRVYGAEGRHNSTIDVGG 205

QY 301 QKFVVLPTGDVWSRPDGSYLNKPL 324
Db 206 QKFVVLPTGDVWSRPDGSYLNKLL 229

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RESULT 14
US-09-383-630-6
; Sequence 6, Application US/09383630A
; Patent No. 6265632
; GENERAL INFORMATION:
; APPLICANT: Avner Yavon et al.
; TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
; FACTOR RECEPTOR ASSOCIATED
; CHONDRODYSPLASIA
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 2001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; WINDOWS version 3.11
; SOFTWARE: Word for Windows version 2.0 converted
; to an ASCII file
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/383,630A
; FILING DATE: 26-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 1402/2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554

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; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 801
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-383-630-6

Query Match      23.8%; Score 408.5; DB 2; Length 801;
Best Local Similarity 34.4%; Pred. No. 9.5e-29;
Matches 106; Conservative 49; Mismatches 114; Indels 39; Gaps 11;

QY 22 AAAARGPPKMAKVVPR-----QVA-RLGRTVRLQC-PVEGDDPPPLTMWTKD 66
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Db 16 AGATSEPPGPEQRVVRRAAEVPGPEPSQQEQVAFSGDITVELSCHPPGGAPTGTVMWAKD 75

QY 67 GRTIHSGWSRFRVLPQGLKVKQVEREDAGVYVC--KATNGFGSLSVNYTLVWLDDISPGK 124
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Db 76 GTGLVAS-HRILVGPQRLQVLNASHEDAGVYSCQHLRTR---RVLCHFVSRVTDAPSSGD 131

QY 125 ESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRPDITW 184
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 132 DEDGEDVA----EDTGAPYW-----TRPERMDKLLAVPAANTVFRCPAAGNPTPSISW 182

QY 185 MKDDQALT--RPEAAEPRKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ 241
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Db 183 LKNGKEFRGEHRIGGIKLRHQQWSLVMSVPSDRGNYTCVVENKEGSIQTYTLDVLER 242

QY 242 TRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSQVQVQWPKVQWLRVYGAEGRHNSTIDVGGQ 301
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 243 SPHRPILQAGLPANQTAILGSDVEFHCKVYSDAQPHIQWLKHVEV-----NGSKVGPDGT 297

QY 302 KVV-VLPT 308
Db 298 PYVTVLKT 305

```

```

RESULT 15
US-09-949-016-7119
; Sequence 7119, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7119
; LENGTH: 795
; TYPE: PRT
; ORGANISM: Human
; US-09-949-016-7119

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Query Match      22.9%; Score 393; DB 2; Length 795;
Best Local Similarity 33.4%; Pred. No. 2.5e-27;
Matches 100; Conservative 49; Mismatches 116; Indels 34; Gaps 11;

QY 22 AAAARGPPKMAKVVPRQVARL----GRTVRLQCPVEGDPP--PLTMWTKDGRTHSGWS 75
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 24 AAEVPGPE-----PGQEQQLVFGSGDAVELSCPPPGGPMGP-TVMWKDGTGLVPS-E 74

QY 76 RFRVLPQGLKVKQVEREDAGVYVC--KATNGFGSLSVNYTLVWLDDISPGKESLGPDSSS 133

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Db

75

RVLVGFQRLQVLNASHEDSGAYSCRQLTQ---RVLCHFVSVRTDAPSSGDDDEGEDEAE

131

Qy

134

GGQEDPASQQWARPRFTQPSKMERRRVIARPVGSSVRLKCVASGHRPRPDITWMKDDQALT-

192

Db

132

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186

Qy

193

--RPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVVDVIQTRSKPVLTG

250

Db

187

EHRIGGIKLRHQQWSLVMSVVPBDRGNYTCVVENKFGSIRQTYTLDVLESPHRPILOA

246

Qy

251

THPVNTTVDFGGTTSFQCKVRSVDVKPVIQWLKRVEYGAEGRHNSTIDVGGQKFV-VLPT

308

Db

247

GLPANQTAVLGSDVEFHCKVYSDAQPHIQWLKHVEV-----NGSKVGPDGTPYVTVLKT

300

November 2005

Published_Applications Nucleic Acid and Published_Applications Amino Acid database searches now generate two sets of results each. The Published_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases; older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions **.rnpbm** (Published_Applications_NA_Main) and **.rnpbn** (Published_Applications_NA_New). Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions **.rapbm** (Published_Applications_AA_Main) and **.rapbn** (Published_Applications_AA_New).

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 09:42:09 ; Search time 9 Seconds
(without alignments)
340.352 Million cell updates/sec

Title: US-10-613-413B-8
Perfect score: 1717
Sequence: 1 MTPSPLLLLPPLLLGAFP.....VLPTGDVWSRPDGSYLNKPL 324

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 67062 seqs, 9454214 residues

Total number of hits satisfying chosen parameters: 67062

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA_New.*
1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
3: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
4: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
5: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
6: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
7: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
8: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	1707	99.4	504	7	US-11-186-541-3	Sequence 3, Appli
2	1560	90.9	529	7	US-11-186-541-1	Sequence 1, Appli
3	1035.5	60.3	438	7	US-11-186-541-2	Sequence 2, Appli
4	266	15.5	2828	7	US-11-080-991-54	Sequence 54, Appl
5	266	15.5	2828	7	US-11-186-284-49	Sequence 49, Appl
6	266	15.5	4495	6	US-10-453-372-1002	Sequence 1002, Ap
7	253	14.7	7968	7	US-11-186-731-5	Sequence 5, Appli
8	251.5	14.6	1068	6	US-10-453-372-1090	Sequence 1090, Ap
9	250.5	14.6	707	6	US-10-453-372-998	Sequence 998, App
10	250.5	14.6	712	6	US-10-453-372-1000	Sequence 1000, Ap
11	250.5	14.6	1902	6	US-10-453-372-1004	Sequence 1004, Ap
12	248.5	14.5	1068	6	US-10-453-372-1084	Sequence 1084, Ap
13	248.5	14.5	1093	6	US-10-453-372-1088	Sequence 1088, Ap
14	247.5	14.4	1077	6	US-10-453-372-1086	Sequence 1086, Ap
15	245	14.3	3588	6	US-10-995-561-672	Sequence 672, App
16	245	14.3	4346	6	US-10-995-561-671	Sequence 671, App
17	245	14.3	4347	6	US-10-995-561-670	Sequence 670, App
18	241	14.0	4419	6	US-10-821-234-1155	Sequence 1155, Ap
19	234.5	13.7	1433	7	US-11-094-519A-40	Sequence 40, Appl
20	233	13.6	961	6	US-10-453-372-726	Sequence 726, App
21	233	13.6	961	6	US-10-453-372-728	Sequence 728, App
22	233	13.6	967	6	US-10-453-372-712	Sequence 712, App
23	233	13.6	967	6	US-10-453-372-714	Sequence 714, App
24	233	13.6	1119	6	US-10-131-826A-352	Sequence 352, App
25	232.5	13.5	2591	6	US-10-453-372-718	Sequence 718, App

ALIGNMENTS

RESULT 1
US-11-186-541-3
; Sequence 3, Application US/11186541
; Publication No. US20050281824A1
; GENERAL INFORMATION:
; APPLICANT: Chipman, Stewart D.
; APPLICANT: Schooley, Kenneth A.
; APPLICANT: Born, Teresa L.
; APPLICANT: DuBose, Robert F.
; TITLE OF INVENTION: METHODS OF USING IMXP-888 AND IMXP-888 ANTAGONISTS
; FILE REFERENCE: 3081-A
; CURRENT APPLICATION NUMBER: US/11/186,541
; CURRENT FILING DATE: 2005-07-21
; PRIOR APPLICATION NUMBER: US/10/001,848
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: US 60/252,785
; PRIOR FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 504
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-186-541-3

Query Match	99.4%;	Score 1707;	DB 7;	Length 504;																																																							
Best Local Similarity	99.7%;	Pred. No. 9.5e-133;																																																									
Matches 323;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;																																																							
QY	1	MTPSPLLLLLPPLLLGAFPPAAAAAGPPK	MADKVVP	QVARLGR	TVRLQCP	VEGDP	PPPL	60																																																			
Db	1	MTPSPLLLLLPPLLLGAFPPAAAAAGPPK	MADKVVP	QVARLGR	TVRLQCP	VEGDP	PPPL	60																																																			
QY	61	TMWTKDGR	TIHSGWSR	FRVLPQGLKVKQ	VEREDAGVYVCKAT	NGFGSLSVNYTL	VVLDDI	120																																																			
Db	61	TMWTKDGR	TIHSGWSR	FRVLPQGLKVKQ	VEREDAGVYVCKAT	NGFGSLSVNYTL	VVLDDI	120																																																			
QY	121	SPGKESL	GPDS	SSGGQEDPASQ	QWARPRFTQPS	KMRRRVIA	RPVGS	SVRLKCVASGH	PRP	180																																																	
Db	121	SPGKESL	GPDS	SSGGQEDPASQ	QWARPRFTQPS	KMRRRVIA	RPVGS	SVRLKCVASGH	PRP	180																																																	
QY	181	DI	TW	KDDQ	AL	TR	PEAAE	PR	KK	WT	LSL	KN	LR	PED	SG	KY	T	CR	V	SN	R	AG	A	I	N	A	T	Y	K	V	D	V	I	Q	240																								
Db	181	DI	TW	KDDQ	AL	TR	PEAAE	PR	KK	WT	LSL	KN	LR	PED	SG	KY	T	CR	V	SN	R	AG	A	I	N	A	T	Y	K	V	D	V	I	Q	240																								
QY	241	R	T	R	S	K	P	V	L	T	G	T	H	P	V	N	T	T	V	D	F	G	G	T	T	S	F	Q	C	K	V	R	S	D	V	K	P	I	Q	W	L	K	R	V	E	G	A	E	G	R	H	N	S	T	I	D	V	G	300
Db	241	R	T	R	S	K	P	V	L	T	G	T	H	P	V	N	T	T	V	D	F	G	G	T	T	S	F	Q	C	K	V	R	S	D	V	K	P	I	Q	W	L	K	R	V	E	G	A	E	G	R	H	N	S	T	I	D	V	G	300

Db 2016 SFSDRGVYKCVASNAAGADSLAIRLHVA-----ALPPV 2048
QY 150 TQPSKMRRRVIARPVGSSVRLKCVASGHPRPDITWMKDDQALTRPEA-----AEPRKK 202
Db 2049 IHQEKLEN--ISLPPGLSIHIHCTAKAAPLPSVRWVLGDGTQIRPSQFLHGNLFVFP--- 2103
QY 203 KWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQRTSRKPVLGTGTHPVNTTVDFGG 262
Db 2104 NGTLYIRNLAPKDSGRYECVAANLVGSARRTVQLNV-QRAAANARITGTSRRTDVRYG 2162
QY 263 TTSFQCKVRSVDKVPVIQWL-----KRVEYGAEG-----RHNSTIDVG----- 299
Db 2163 TLKLDCSASGDPWPRILWRLPSKRMIDALFSFDSRIKVFANGTLVVKSVTDKADGYLCV 2222
QY 300 -----GQKFVVLPT-----GDV-----WSRPDG 317
Db 2223 ARNKVGDDYVVLKVDVVMKPAKIEHKEENDHKVFYGGDLKVDVCVATGLPNPEISWSLPDG 2282
QY 318 SYLN 321
Db 2283 SLVN 2286

RESULT 5
US-11-186-284-49
; Sequence 49, Application US/11186284
; Publication No. US20050266493A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Berger, Allison
; APPLICANT: Guillemette, Tracy L.
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Schlegel, Robert
; APPLICANT: Monahan, John E.
; APPLICANT: Thibodeau, Stephen N.
; APPLICANT: Burgart, Lawrence J.
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND
; TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF COLON CANCER
; FILE REFERENCE: MPM01-029P2RNM
; CURRENT APPLICATION NUMBER: US/11/186,284
; CURRENT FILING DATE: 2005-07-21
; PRIOR APPLICATION NUMBER: US/10/301,822
; PRIOR FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 60/339,971
; PRIOR FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: US 60/361,978
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 60/381,988
; PRIOR FILING DATE: 2002-05-20
; NUMBER OF SEQ ID NOS: 228
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 2828
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-11-186-284-49

Query Match 15.5%; Score 266; DB 7; Length 2828;
Best Local Similarity 24.2%; Pred. No. 7.8e-14;
Matches 88; Conservative 36; Mismatches 114; Indels 126; Gaps 12;
QY 43 LGRTVRLQCPVEGDPPLMTMTKDGR-----TIHSGWSRFRVLPQGLKVKQV 89
Db 1964 LGDTIAMECLAKGTPAQISWIFPDRRVWQTVPVESRITLHEN-----RTLISKEA 2015
QY 90 EREDAGVYVCKATNGFSGLSVNYTLVLDLISPCKESLGPDSSSGGQEDPASQQWARPRF 149
Db 2016 SFSDRGVYKCVASNAAGADSLAIRLHVA-----ALPPV 2048
QY 150 TQPSKMRRRVIARFVGSSVRLKCVASGHPRPDITWMKDDQALTRPEA-----AEPRKK 202
Db 2049 IHQEKLEN--ISLPPGLSIHIHCTAKAAPLPSVRWVLGDGTQIRPSQFLHGNLFVFP--- 2103

QY 203 KWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQRTSRKPVLGTGTHPVNTTVDFGG 262
Db 2104 NGTLYIRNLAPKDSGRYECVAANLVGSARRTVQLNV-QRAAANARITGTSRRTDVRYG 2162
QY 263 TTSFQCKVRSVDKVPVIQWL-----KRVEYGAEG-----RHNSTIDVG----- 299
Db 2163 TLKLDCSASGDPWPRILWRLPSKRMIDALFSFDSRIKVFANGTLVVKSVTDKADGYLCV 2222
QY 300 -----GQKFVVLPT-----GDV-----WSRPDG 317
Db 2223 ARNKVGDDYVVLKVDVVMKPAKIEHKEENDHKVFYGGDLKVDVCVATGLPNPEISWSLPDG 2282
QY 318 SYLN 321
Db 2283 SLVN 2286

RESULT 6
US-10-453-372-1002
; Sequence 1002, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 1002
; LENGTH: 4495
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-1002

Query Match 15.5%; Score 266; DB 6; Length 4495;
Best Local Similarity 27.0%; Pred. No. 1.4e-13;
Matches 84; Conservative 48; Mismatches 143; Indels 36; Gaps 10;
QY 28 PPKMADKVVPRQVA-RLGRTVRLQCPVEGDPPLMTMTKDG-----RTIHSGWSRF 77
Db 372 PPVIKQKEQVTNVSVLLNQLTNLFCEVEGTFSPIMWKDNQVVTESSTIQTVNNG---- 427
QY 78 RVLPGQLKVKQVEREDAGVYVCKATNGFSGLSVNYTLVLDLISPCKES-----LGPDS 131
Db 428 ----KILKLFRAFPEDAGRYSCKAINIAGTSQKYFNIDVLGTFNFPNEVSVLNRDVALEC 483
QY 132 SSGGQEDPASQQWARPRFTQPSKMRRRVIARFVGSSVRLKCVASGHPRPDITWMKDDQAL 191
Db 484 QVKGTPFP-DIHWFKDGNIKGGNVTTD-ISVLINSLIKLECETRGLPMPAITWYKDGQPI 541

QY 192 TRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQTRSKPVLTG- 250
Db 542 MSSSQALYIDKGQYLHPRAQVSDSATYTCHVANVAGTAEKSFHVDVY----VPPMIEGN 597
QY 251 -THPVNTTVDFGGTTSFOCKVRSDVKPVIQWLKRVEYGABGRHNSIDVGGQKFVVLPTG 309
Db 598 LATPLNKQVVIASHSLTLECKAAGNPSILTWLKD-GVPVKANDNIRIEAGGKKLEIMSAQ 656
QY 310 DVWSRPDGSYL 320
Db 657 EI---DRQYI 664

RESULT 7

US-11-186-731-5
; Sequence 5, Application US/11186731
; Publication No. US2005025521A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Acton, Susan L.
; TITLE OF INVENTION: 59079 and 12599, Protein Kinase Family
; TITLE OF INVENTION: Members and Uses Therefor
; FILE REFERENCE: MPI2001-047P1RCPI(M)
; CURRENT APPLICATION NUMBER: US/11/186,731
; CURRENT FILING DATE: 2005-07-21
; PRIOR APPLICATION NUMBER: US/10/077,130
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/269201
; PRIOR FILING DATE: 2001-02-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 7968
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-186-731-5

Query Match 14.7%; Score 253; DB 7; Length 7968;
Best Local Similarity 25.7%; Pred. No. 3.1e-12;
Matches 82; Conservative 40; Mismatches 127; Indels 70; Gaps 12;

QY 27 GPPKMADKVVPRQ-VARLGRTVRLQCPVEGDPPPLTMWTKDGRTHSGWSRFRVLPQG-- 83
Db 8 GABRPLTR--PKAFVVSVGKDATLSQIVGNPTPQVSWEKDQQPVTAG-ARFRLAQDGL 64
QY 84 --LKVKQVEREDAGVYVCKATNGFGLSVNYTLVLVLDLISPGKESLGPDSSSGGQEDPAS 141
Db 65 YRLTLDLALGDSGYVVCRRARNAIGEAFAAVGLQV-----DAAEACAEQ--- 108
QY 142 QQWARRPF-TOPSKMRRRVIAAPVGSVRLKCVASGHPRPDITWMKDDQALTRPEAAEPR 200
Db 109 ----APHFLLRPTSIRV-----EGSEATFCRCRVGSPRAVSWSKDGRRLGEPDGPVR 159
QY 201 KKKW----TSLKKNLRPEDSGKYTCRVSNRAGAINATYKVDV----- 238
Db 160 VEELGEASALRIRAARPRDGGTYEVRAENPLGAASAAALVVDSDAADTASRPGTSTAAL 219
QY 239 ----IQTR-----SKPVLGTGTHPVNTTVDFGGTTSFQCKVRSQVQWPKVQWLRVVEY 286
Db 220 LAHLQRRREAMRAEGAPASPPSTGTR--TCTVTGKCHARLSCVTGEKPKETVWKKDQQL 277
QY 287 GAEGRHNSIDVGGQKFVV 305
Db 278 VTEGRHHVVYEDAQENFVL 296

RESULT 8

US-10-453-372-1090
; Sequence 1090, Application US/10453372
; Publication No. US2006000323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 1090
; LENGTH: 1068
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-1090

Query Match 14.6%; Score 251.5; DB 6; Length 1068;
Best Local Similarity 32.2%; Pred. No. 3.8e-13;
Matches 65; Conservative 26; Mismatches 76; Indels 35; Gaps 5;

QY 42 RLGRTVRLQCPVEGDPPPLTMWTKDGRTH--SGWSRFRVLPQG--LKVKQVEREDAGVY 97
Db 586 RTTTVARLECAATGHPNPQIAWQKGGTDFPAARERRMHVMPDDDDVFSITDVKIDDAGVY 645
QY 98 VCKATNGFGLSVNYTLVLVLDLISPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRR 157
Db 646 SCTAONSAGSISANATLTVLE-----TPSLVVP--LED 676
QY 158 RVIARPVGSSVRLKCVASGHPRPDITWMKDDQALTRPEAAEPRKKWTLSLKNLRPEDSG 217
Db 677 RVVS--VGETVALQCKATGNPPPRITWFKGDRPLSLTERHHLTPDNQLLVQNVVVAEDAG 734
QY 218 KYTCRVSNRAGAINATYKVDVI 239
Db 735 RYTCEMSNTLGTERRAHSQLSVL 756

RESULT 9

US-10-453-372-998
; Sequence 998, Application US/10453372
; Publication No. US2006000323A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19

D _b	671	SCTAQN SAGSISANATLTVLE-----TPSLVVP--LED	701
Q _y	158	RVIARPVGSSVRLKCVASGHPREDITWMKDDQALTRPEAAEPRKKWTLSLKNLRPEDSG	217
D _b	702	RWVS--VGETVALQCKATGNPPRITWEFKGDRPLSLTERHHLTDPDNLVVQNVVAEDAG	759
Q _y	218	KYTCRVSNRAGAINATYKVVDVI	239
D _b	760	RYTCEMSNTLGTERAHSOLSVL	781

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RESULT 14
US-10-453-372-1086
; Sequence 1086, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 1086
; LENGTH: 1077
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-1086

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	Best Local Similarity	32.7%;	Pred. No. 8.1e-13;		
	Matches 64;	Conservative 26;	Mismatches 71;	Indels 35;	Gaps 5;
Qy	48 RLQCPVEGPPPLTMTWKGRTH--SGWSRFRVLPGQ--LKVKQVEREDAGVYVCKATN	103			
Dd	601 RLECAATGHPNPQIAWQKGGTFDPAARERRMHVMPDDDDVFITDVKIDDAAGVYSCTAQN	660			
Qy	104 GFGSLSVNYTLVVLDDISPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIA RP	163			
Dd	661 SAGSISANATLTGLE-----TPSLVVP--LED RVVS--	689			
Qy	164 VGSSVRLKCVASGHPRPDITWMKDDQALTRPEAAEPRKKWTLSLKNLRPEDSGKYTCRV	223			
Dd	690 VGETVALOCKATGNPPRIITWFKGDRFLSLTERHHLTPDNQLLVQNVAEDAGR YTC EM	749			
Qy	224 SNRAGAINATYKV DVI	239			
Dd	750 SNTLGTERAHSQLSVL	765			

RESULT 15

[illegible]

Search completed: January 13, 2006, 09:52:16
Job time : 10 secs

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